

DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER - WADE PARK
10701 EAST BLVD. CLEVELAND, OH. 44106

Smoke Shelter
PROJECT NO. 541-17-212

Veterans Administration Medical Center



Fredrick, Fredrick & Heller Engineers
Mechanical & Electrical Engineer 672 E. Royalton Rd., Broadview Hgts, Ohio 44147

Smith Architects Healthcare Design LLC
Architect 10 North Main Street, #4, Chagrin Falls, Ohio 44022

Knight & Stolar, Inc.
Landscape Architect 3029 Prospect Ave, Cleveland, OH 44115

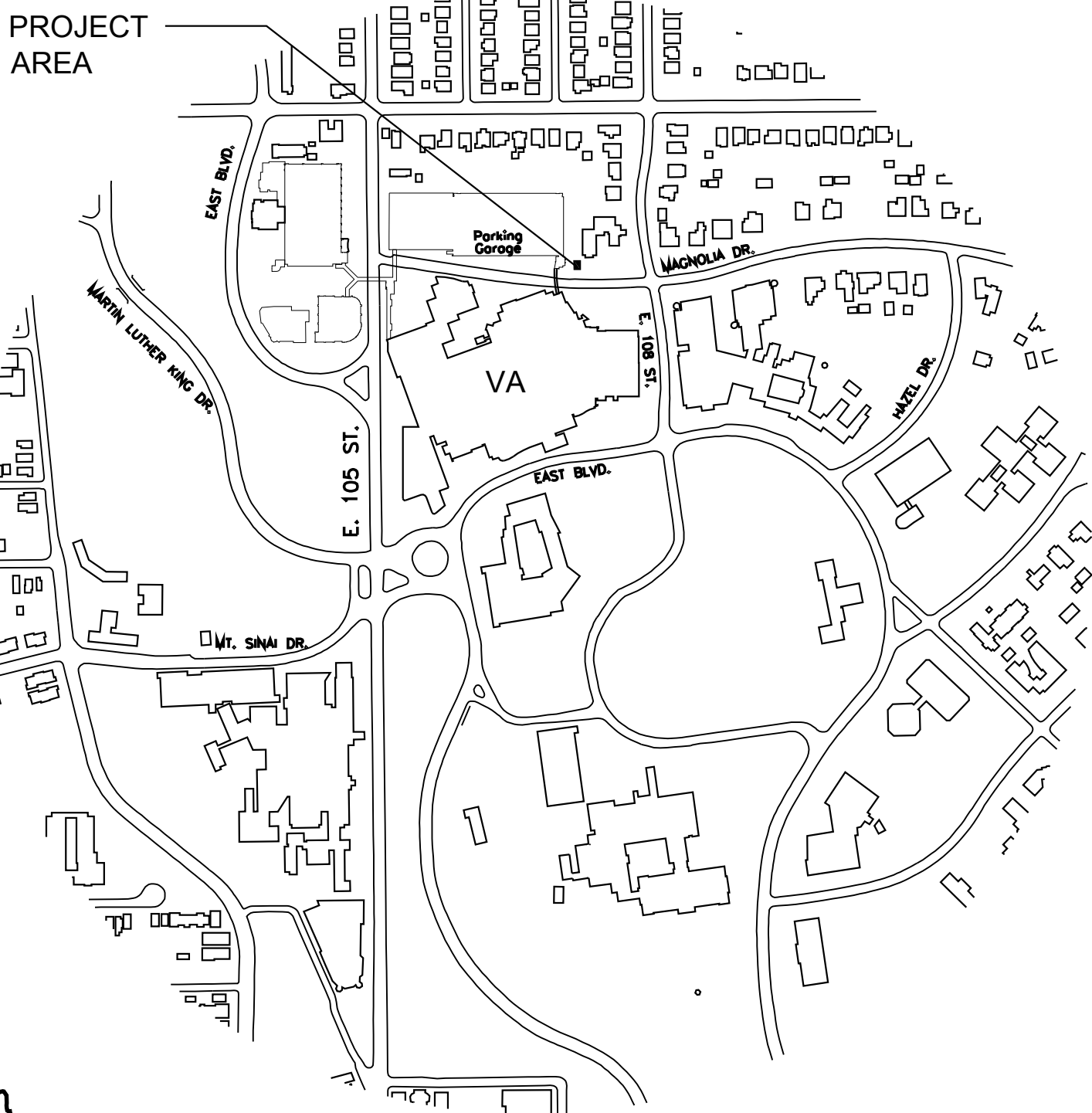
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BID ISSUE
April 24, 2015

DRAWING INDEX

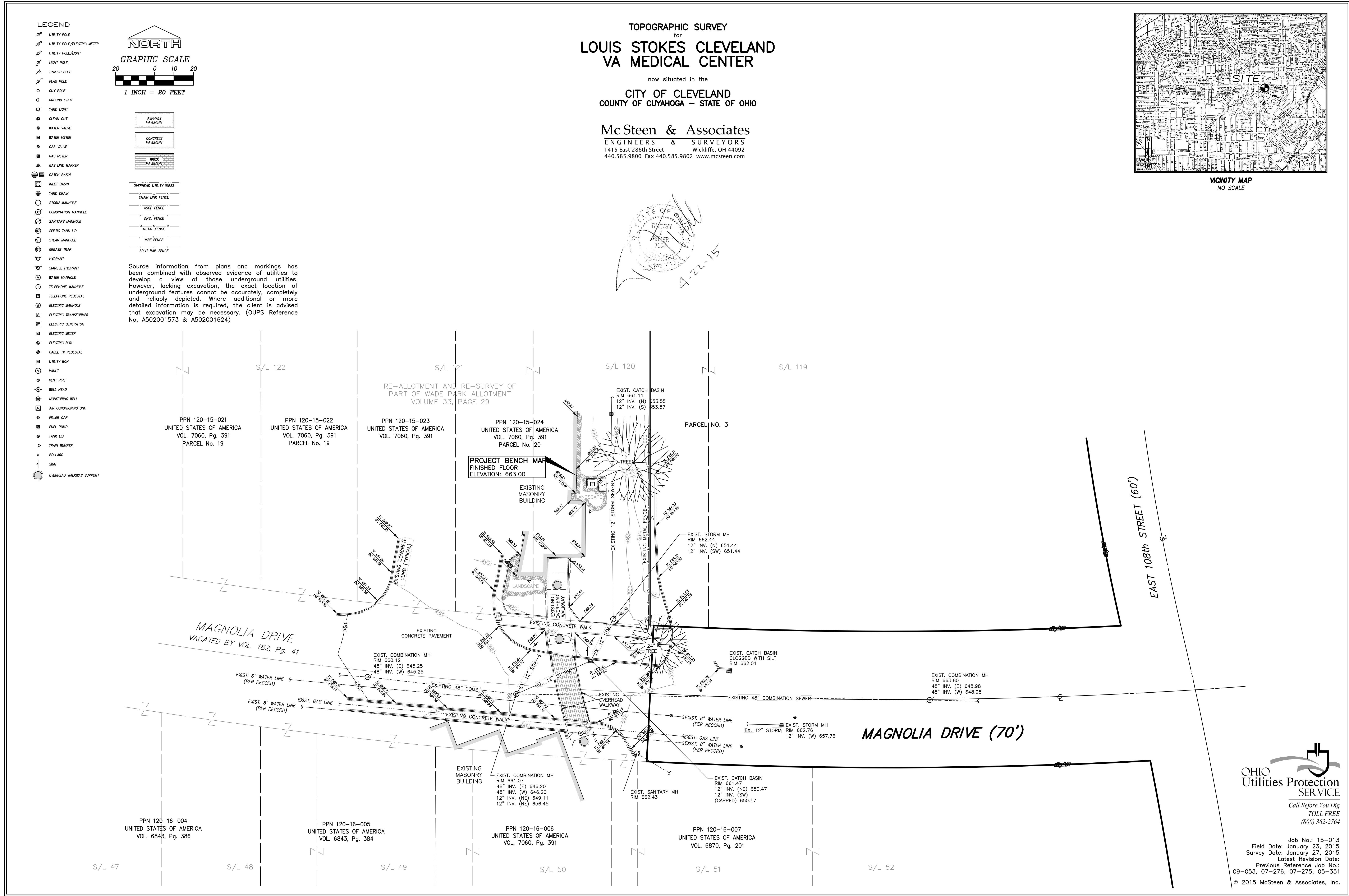
BUILDING AREA:	233 S.F.
DESIGN CODE:	2012 INTERNATIONAL BUILDING CODE NFPA 101 - 2015
OCCUPANCY:	UTILITY GROUP U (IBC 312.1)
FIRE SUPPRESSION:	NONE
ALLOWABLE AREA:	5,500 SF (IBC TABLE 503)
ALLOWABLE HEIGHT:	1 STORY (IBC TABLE 503)
TYPE OF CONSTRUCTION:	VB (IBC 602.5)
FIRE RATINGS	
STRUCTURAL FRAME:	0 HOUR (IBC TABLE 601)
WALLS:	0 HOUR (IBC TABLE 601 & 602)
FLOORS:	0 HOUR (IBC TABLE 601)
ROOF:	0 HOUR (IBC TABLE 601)
OCCUPANT LOAD:	240 / 5 = 48 (IBC TABLE 1004.1)
NUMBER OR EXITS:	1 (IBC TABLE 1015.1)
TRAVEL DISTANCE:	300 FEET (IBC TABLE 1016.1)



SITE PLAN
Scale = None

STATE OF OHIO
REGISTERED ARCHITECT
Richard T. Smith, License # 12003
Expiration Date: 12/31/2015

Revisions	APPROVALS		DATE		APPROVALS		DATE		APPROVALS		DATE		Drawing Title COVER SHEET		Project Title SMOKE SHELTER		Date 4-24-15		Office of Facilities Management Department of Veterans Affairs				
	DIRECTOR 00				CHIEF Planning and Construction				FACILITY MANAGER				Approved: Division Chief		Building Number 1		Checked RTS			Drawn RTS		DRAWING NO. 1-X1	
	ASSOCIATE DIRECTOR 00A (B)				CHIEF, Occupational Health & Safety				SHOP FOREMAN 138				Approved: Service Director		Location 10701 EAST BLVD. CLEVELAND, OHIO					Dwg. 1 Of 9			
	CHIEF, ENGINEERING 138				CHIEF, IRM																		



CONSULTANTS:

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Planning Consultants / Landscape Architects
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ARCHITECT:

Drawing Title
EXISTING CONDITIONS SURVEY

Project Title
SMOKE SHELTER

Project Number
541-17-212

Building Number
1

Location
VAMC - WADE PARK

Date
04/24/2015

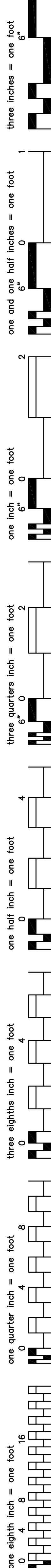
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Drawing Number
1-V1
Dwg. of

**Office of
Facilities
Management**

**Department of
Veterans Affairs**



DEMOLITION & SITE PREPARATION PLAN



LAYOUT PLAN

CIVIL BID ITEMS

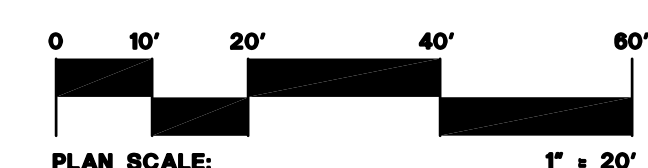
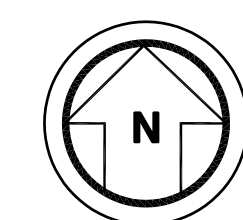
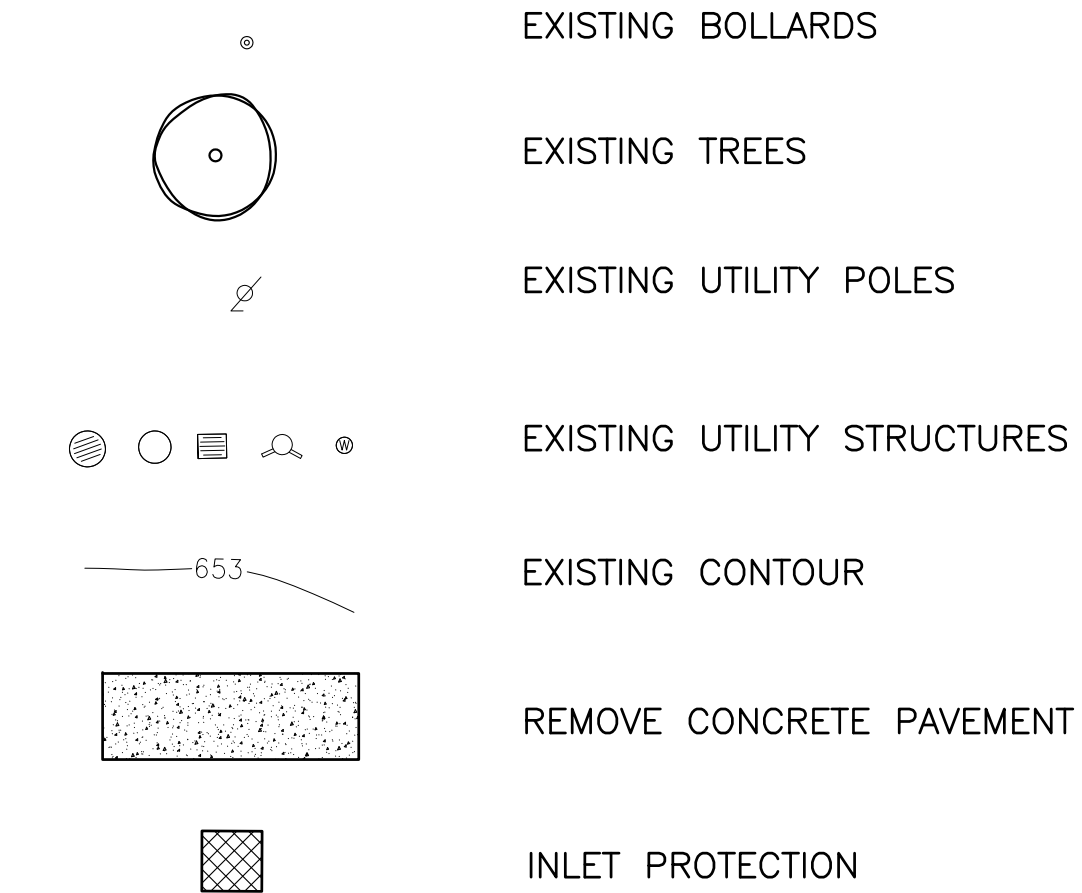
1. SEE SECTION 01 00 00 FOR COMPLETE DESCRIPTION(S) OF ALL BID ITEM(S).
2. AS PART OF BID ITEM II, BASE BID — DEDUCT ALTERNATE 1, PROVIDE STANDARD CONCRETE PAVEMENT AND CURB IN LIEU OF DECORATIVE CONCRETE PAVEMENT AND CURB.

NOTES

1. ~~DATA NOT SHOWN~~ – FOR ALL PERTINENT DATA NOT SHOWN, SEE APPLICABLE CONTRACT DOCUMENTS.
2. ~~MEASUREMENTS~~ – CONTRACTOR SHALL VERIFY ALL MEASUREMENTS IN THE FIELD.
3. ~~EXISTING UTILITIES~~ – THE EXISTING UTILITY DATA SHOWN IS FOR REFERENCE INFORMATION ONLY AND MAY NOT SHOW ALL EXISTING UTILITIES.
4. ~~WORK WITHIN THE RIGHT-OF-WAY~~ – ALL WORK WITHIN THE RIGHT-OF-WAY SHALL BE DIRECTED AND APPROVED BY THE PROPER AUTHORITY.
5. ~~EXISTING PAVEMENTS AND CURBS TO REMAIN~~ –
SAW CUT TO FULL DEPTH OF CONCRETE AND ASPHALT AT FINISHED EDGES AND WHERE ABUTTING NEW CONSTRUCTION.
6. ~~INSPECTIONS~~ –
ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE MONITORED BY THE CONTRACTOR AT WEEKLY INTERVALS OR AFTER EACH DAILY RAINFALL GREATER THAN 0.5". INSPECTION FINDINGS SHALL BE RECORDED AND ON FILE IN CONSTRUCTION TRAILER.
7. ~~MAINTENANCE~~ –
MAINTENANCE PRACTICES SHALL BE PERFORMED ON SEDIMENT AND EROSION CONTROL DEVICES IN ORDER TO SUSTAIN PROPER OPERATION AT ALL TIMES. CONSULT THE MANUAL LISTED IN NOTED #11 FOR MAINTENANCE REQUIREMENTS.
8. ~~RUNOFF AND SEDIMENT CONTROL MEASURES~~ –
SHALL BE PROMPTLY INSTALLED DURING CONSTRUCTION IN ACCORDANCE WITH PLANS, DETAILS AND MANUAL OR AS OTHERWISE DIRECTED BY THE PROPER LOCAL AUTHORITY.

LEGEND

9. EROSION CONTROL FABRIC –
SHALL BE INSTALLED IMMEDIATELY FOLLOWING RESPAWINDING OF TOPSOIL ON AREAS OF 3:1 OR GREATER SLOPE. FABRIC SHALL BE AS APPROVED BY THE ARCHITECT.
10. EROSION CONTROL STANDARDS –
ALL SEDIMENT AND EROSION CONTROL PRACTICES SHALL MEET STANDARDS OF THE SOIL CONSERVATION SERVICE AS PUBLISHED IN THE MANUAL TITLED: 'RAINWATER AND LAND DEVELOPMENT – OHIO'S STANDARD FOR STORMWATER MANAGEMENT LAND DEVELOPMENT AND URBAN STREAM PROTECTION' AS REGULATED BY THE LOCAL GOVERNING AUTHORITY.
11. IRRIGATION DEMOLITION –
PRIOR TO THE START OF SITE CLEARING, PROVIDE INVESTIGATION AND DEMOLITION OF EXISTING IRRIGATION SYSTEM ASSOCIATED WITH THE SMOKING SHELTER SITE, INCLUDING THE FOLLOWING STEPS:
 - A. COORDINATE EXTENTS OF IRRIGATION WORK WITH THE COR.
 - B. DISCONNECT AND CAP MAIN LINE AND CONTROL WIRING WITHIN SITE LIMITS. MAINTAIN AND PROTECT MAIN LINE AND WIRES BACK TO CONTROLLER IN PARKING GARAGE FOR NEW IRRIGATION ZONES.
 - C. REMOVE AND SALVAGE EXISTING IRRIGATION EQUIPMENT FOR REUSE AND DELIVER TO COR. REMOVE AND SALVAGE BOXES, CONTROL VALVES, HEADS AND QUICK COUPLERS.
 - D. SEE SCHEDULE 1 – C3 FOR ADDITIONAL IRRIGATION IMPROVEMENTS. EXISTING IRRIGATION SYSTEM IS APPROXIMATELY SHOWN AS REFERENCED FROM AS-BUILT DESIGN DOCUMENTS. CONTRACTOR SHALL REPORT TO COR ANY DISCREPANCIES WITH ACTUAL IRRIGATION SYSTEM CONDITIONS.

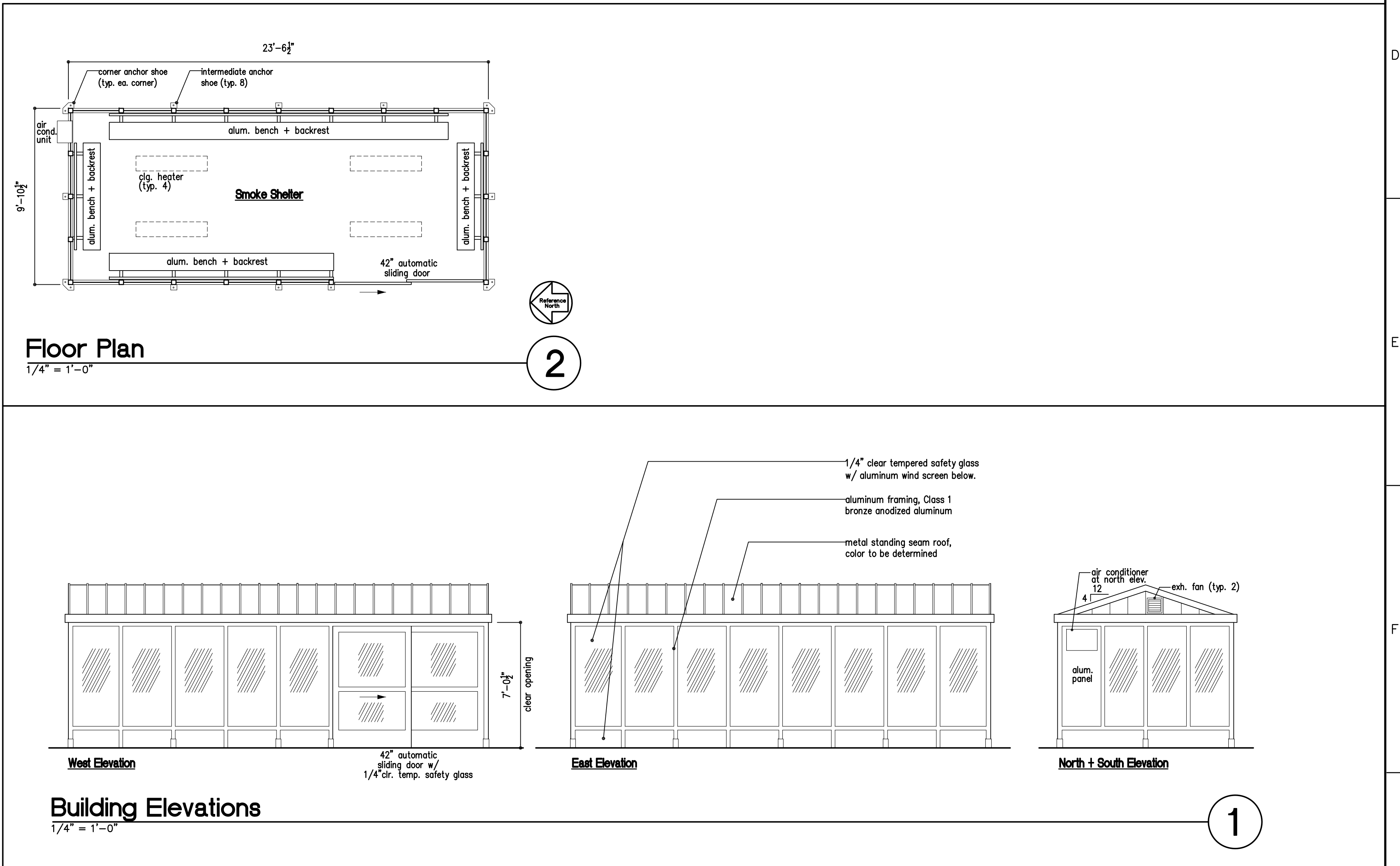


2 WORKING DAYS
BEFORE YOU DIG

CALL TOLL FREE 800-362-2764

OHIO UTILITIES PROTECTION SERVICE

[illegible]

[illegible]

three inches = one foot
one and one half inches = one foot
one inch = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one half inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one eighth inch = one foot
one eighth inch = one foot

WIRING DEVICES

20A-125V, HOSPITAL GRADE, GROUNDED SINGLE RECEPTACLE - MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED. CONNECT TO NORMAL CIRCUIT.

20A-125V, HOSPITAL GRADE, GROUNDED DUPLEX RECEPTACLE - MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED. CONNECT TO NORMAL CIRCUIT.

DOUBLE 20A-125V, HOSPITAL GRADE, GROUNDED DUPLEX RECEPTACLE - (2) IN (2) GANG BOX. CONNECT TO NORMAL CIRCUIT.

20A-125V, HOSPITAL GRADE, GROUND FAULT INTERRUPTER TYPE RECEPTACLE - MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED. CONNECT TO NORMAL CIRCUIT.

20A-125V, HOSPITAL GRADE, GROUND FAULT INTERRUPTER TYPE RECEPTACLE INSTALLED IN WEATHERPROOF ENCLOSURE THAT MAINTAINS WET LOCATION RATING WHILE IN-USE. CONNECT TO NORMAL CIRCUIT. MOUNT AT 30" ABOVE FINISHED ROOF SURFACE.

20A-125V, HOSPITAL GRADE, GROUNDED TAMPER RESISTANT "TR" TYPE RECEPTACLE - MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED. CONNECT TO NORMAL CIRCUIT.

SAME DEVICE TYPES AS INDICATED ABOVE EXCEPT CONNECTED TO EMERGENCY CRITICAL CIRCUIT.

TELECOMMUNICATIONS SYSTEM

VOICE/DATA OUTLET - EC SHALL PROVIDE 2-GANG FLUSH BOX WITH SINGLE GANG BLANK COVER PLATE MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED, 1" C WITH PULLWIRE FROM BOX TO 6" ABOVE FINISHED CEILING AT AN ACCESSIBLE LOCATION AND PLASTIC BUSHING ON END OF CONDUIT. TELECOMMUNICATIONS CONTRACTOR SHALL REFER TO CABLING DETAILS ON FOR CABLE, JACK AND TERMINATION REQUIREMENTS.

VOICE/DATA OUTLET - EC SHALL PROVIDE 2-GANG FLUSH BOX WITH SINGLE GANG BLANK COVER PLATE MOUNTED AT 48" AFF UNLESS OTHERWISE NOTED, 1" C WITH PULLWIRE FROM BOX TO 6" ABOVE FINISHED CEILING AT AN ACCESSIBLE LOCATION AND PLASTIC BUSHING ON END OF CONDUIT. TELECOMMUNICATIONS CONTRACTOR SHALL REFER TO CABLING DETAILS ON FOR CABLE, JACK AND TERMINATION REQUIREMENTS.

WIRELESS SYSTEM DATA OUTLET - EC SHALL PROVIDE TWO GANG FLUSH BOX WITH SINGLE GANG BLANK COVER PLATE MOUNTED ON FINISHED CEILING AND RECEPTACLE AS INDICATED. TELECOMMUNICATIONS CONTRACTOR SHALL REFER TO CABLING DETAILS ON FOR JACK, CABLE AND TERMINATION REQUIREMENTS.

FUTURE VOICE/DATA OUTLET - EC SHALL PROVIDE 2-GANG FLUSH BOX WITH SINGLE GANG BLANK COVER PLATE MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED, 1" C WITH PULLWIRE FROM BOX TO 6" ABOVE FINISHED CEILING AT AN ACCESSIBLE LOCATION AND PLASTIC BUSHING ON END OF CONDUIT.

TELECOMMUNICATIONS SYSTEM NOTES:

T1. ALL CONDUITS SHALL BE INSTALLED COMPLETE WITH PULLWIRE.

T2. THE NUMBER OF CABLES IN ANY PATHWAY SHALL NOT EXCEED 40% FILL.

LIGHTING CONTROLS

20A-1P-120/277V WALL SWITCH MOUNTED AT 48" AFF UNLESS OTHERWISE NOTED.

20A-1P-120/277V WALL SWITCH - INSTALLED IN WEATHERPROOF ENCLOSURE THAT MAINTAINS WET LOCATION RATING WHILE IN-USE. MOUNT AT 30" ABOVE FINISHED ROOF SURFACE.

BRANCH CIRCUIT WIRING

BRANCH CIRCUIT HOME RUN TO PANEL - ARROWHEADS INDICATE CIRCUITS. WIRE INDICATED ARE GREEN GROUND, SEPARATE NEUTRALS (SHARED NEUTRALS ARE NOT PERMITTED FOR BRANCH CIRCUITS) AND THREE HOT LEGS (A DIFFERENT PHASE FOR EACH CIRCUIT) MAXIMUM THREE CIRCUITS PER CONDUIT. 3/4" MINIMUM CONDUIT WITH WIRE SIZE INDICATED ON DRAWING ("XX" INDICATES AWG SIZE). ALL POWER WIRING SHALL BE STRANDED COPPER CONDUCTORS WITH THHN/THWN INSULATION. PROVIDE SEPARATE EQUIPMENT GROUNDING CONDUCTOR (SAME SIZE AS PHASE AND NEUTRAL, UNLESS OTHERWISE NOTED) FOR EACH CONDUIT. CONDUIT WIRE FILLS SHALL BE IN ACCORDANCE WITH LATEST NATIONAL ELECTRIC CODE.

POWER DISTRIBUTION EQUIPMENT (FLOOR PLAN VIEW)

208/120V-3Ø-4W PANELBOARD UNLESS OTHERWISE NOTED. MOUNT AT 78" AFF TO TOP OF PANEL.

480/277V-3Ø-4W PANELBOARD UNLESS OTHERWISE NOTED. MOUNT AT 78" AFF TO TOP OF PANEL.

GENERAL PURPOSE, 3 PHASE DRY-TYPE TRANSFORMER - TYPE AS NOTED ON PLANS.

FUSED DISCONNECT SWITCH - SIZE AND TYPE AS NOTED. PROVIDE CLASS RK1 FUSES UNLESS OTHERWISE NOTED. NEMA 1 ENCLOSURE UNLESS OTHERWISE NOTED.

GROUNDING BUSBAR

WIRING TERMINATIONS

JUNCTION BOX, CEILING OR WALL MOUNTED, 4" SQ. WITH GROUND LUG, UNLESS OTHERWISE NOTED. COORDINATE MOUNTING LOCATION WITH EQUIPMENT.
SC - SINK STATION CONTROLS. CONNECT PER MANUFACTURES WIRING DIAGRAM.
CP - MECHANICAL EQUIPMENT CONTROL PANEL. CONNECT PER MANUFACTURES WIRING DIAGRAM.

JUNCTION BOX, ABOVE CEILING FOR CONNECTION TO 120V AUTOMATIC DOOR. ELECTRICAL CONTRACTOR SHALL CONNECT AUTOMATIC DOOR INCLUDING PUSH PAD OPERATORS PER MANUFACTURER'S INSTRUCTIONS TO 120V EMERGENCY LIFE SAFETY CIRCUIT. GENERAL CONTRACTOR SHALL FURNISH AND INSTALL AUTOMATIC DOOR.

JUNCTION BOX MOUNTED AT 48" AFF FOR CONNECTION TO AUTOMATIC DOOR PUSH PAD DEVICE. PROVIDE 3/4" C TO DOOR CONTROLLER WITH WIRING PER MANUFACTURER'S REQUIREMENTS.

MOTOR - NUMBER DENOTES HORSEPOWER

TEMPERATURE CONTROL PANEL FURNISHED AND INSTALLED BY OTHERS. EC SHALL PROVIDE 120V CONNECTION (HARDWIRED OR RECEPTACLE, AS REQUIRED).

EC SHALL PROVIDE 20A-120V CIRCUIT IN ABOVE FINISHED CEILING MOUNTED JUNCTION BOX FOR VAV TERMINALS. CONNECT ALL VAV'S IN AREA TO CIRCUIT INDICATED. MC SHALL PROVIDE CONTROL TRANSFORMER AND CONTROL WIRING FOR 24VAC VAV TERMINALS. VERIFY LOCATION OF ALL ADJACENT VAV'S WITH MECHANICAL DRAWINGS.

MEDICAL GAS ALARM PANEL - CONNECT TO 20A, 120V LIFE SAFETY CIRCUIT, WALL MOUNTED, COORDINATE MOUNTING HEIGHT WITH MC.

SECURITY SYSTEM LEGEND

LENEL SECURITY CONTROL PANELS.

SECURITY CAMERA - FIXED DOME CAMERA - CEILING MOUNTED, WIDE ANGLE, NETWORK-ENABLED, 1280x800 (1MP) MIN. RESOLUTION PER SENSOR, H.264 VIDEO COMPRESSION, 30 FRAMES PER SECOND, TAMPERING ALARM, POWER OVER ETHERNET, PROGRESSIVE SCAN, TAMPER RESISTANT CASING. PROVIDE ALL MOUNTING ACCESSORIES TO MOUNT CAMERA ON EXTERIOR WALL OR IN SMOKE SHELTER.

FIXED DOME 180° NETWORK CAMERA - WALL MOUNTED, 1600x1200 MIN RESOLUTION PER SENSOR, H.264 VIDEO COMPRESSION, 22 FRAMES PER SECOND, TAMPERING ALARM, POWER OVER ETHERNET, PROGRESSIVE SCAN, TAMPER RESISTANT AND WEATHERPROOF CASING. PROVIDE ALL MOUNTING ACCESSORIES TO MOUNT CAMERA ON EXTERIOR WALL OR IN SMOKE SHELTER.

SECURITY SYSTEM NOTES:

S1. PROVIDE MINIMUM SIZE BACKBOX AS REQUIRED FOR ALL OF THE ABOVE SECURITY DEVICES AND INSTALL IN 1/2" C MINIMUM COMPLETE CONDUIT SYSTEM TO JUNCTION BOX IN SMOKE SHELTER.

S2. REFER TO SPECIFICATIONS FOR FURTHER DETAILS REGARDING THE SECURITY SYSTEM.

S3. MOUNT DEVICES AT MOUNTING HEIGHTS LISTED ABOVE UNLESS OTHERWISE NOTED ON THE FLOOR PLANS. COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECTURAL ELEVATIONS.

S4. SECURITY SYSTEM EQUIPMENT AND WIRING SHALL BE PROVIDED BY CONTRACTOR, UNLESS OTHERWISE NOTED.

S5. CONTRACTOR SHALL VERIFY ALL BACKBOX SIZES WITH VA COR AND MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO ROUGH-IN.

S6. FURNISH, INSTALL AND CONNECT ALL SECURITY DEVICES IN ACCORDANCE WITH LENEL SYSTEM PROVIDER. PROVIDE ALL ADDITIONAL LENEL COMPONENTS AS NECESSARY FOR A COMPLETE SYSTEM. SUBMIT ALL LENEL DEVICES WITH SHOP DRAWINGS SUBMITTAL.

GENERAL ELECTRICAL INSTALLATION NOTES:

1. ALL MOUNTING HEIGHTS ARE TO CENTER OF DEVICE UNLESS OTHERWISE NOTED.

2. ALL NEW WALL MOUNTED ELECTRICAL DEVICES ARE TO BE INSTALLED FLUSH IN WALL UNLESS OTHERWISE NOTED. ALL ELECTRICAL CONDUIT SHALL BE CONCEALED BEHIND FINISHED WALLS AND ABOVE FINISHED CEILING UNLESS OTHERWISE NOTED. THE COST TO CUT AND PATCH WALLS SHALL BE THE RESPONSIBILITY OF THE TRADE REQUIRING THE CUTTING.

3. PRIOR TO INSTALLATION, VERIFY PRECISE LOCATION OF NEW OR RELOCATED WALL OR CEILING MOUNTED DEVICES WITH ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS.

4. COORDINATE ALL SHUT-DOWNS OF EXISTING ELECTRICAL SYSTEMS WITH OWNER A MINIMUM OF FOURTEEN (14) WORKING DAYS IN ADVANCE. ALL SHUT-DOWNS SHALL OCCUR DURING WEEKENDS OR BETWEEN 8:00PM AND 7:00AM ON WEEKDAYS ("OFF-HOURS"). INCLUDE ALL PREMIUM TIME CHARGES IN BID.

5. ALL NOISE GENERATING OPERATIONS, INCLUDING CUTTING OF CEILINGS, WALLS AND FLOORS, CORING, DRILLING, ETC. SHALL BE SCHEDULED DURING WEEKENDS OR BETWEEN 8:00PM AND 7:00AM ON WEEKDAYS ("OFF-HOURS"). INCLUDE ALL PREMIUM TIME CHARGES IN BID.

6. CONTRACTOR SHALL CONNECT ALL MECHANICAL EQUIPMENT COMPLETE PER MANUFACTURER'S WIRING DIAGRAMS AND INSTRUCTIONS. COORDINATE WITH MECHANICAL CONTRACTOR AND VERIFY LOCATION, VOLTAGE, AMPS, NO. OF WIRES, AND PROTECTION REQUIREMENTS PRIOR TO ROUGH-IN. CONTACT ENGINEER WITH ANY DISCREPANCIES FROM DESIGN DRAWINGS.

7. PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT FOR FINAL CONNECTION TO MECHANICAL EQUIPMENT OR OTHER EQUIPMENT WHICH MAY PROPAGATE VIBRATION.

8. ALL FLUORESCENT LAMPS THAT WILL NOT BE REUSED SHALL BE DISPOSED OF IN ACCORDANCE WITH EPA STANDARDS, AND WRITTEN EVIDENCE OF PROPER DISPOSAL SHALL BE FURNISHED TO THE OWNER.

9. ALL WORK SHALL BE PERFORMED IN STRICT CONFORMANCE WITH THE PHASING REQUIREMENTS OF THE PROJECT. ALL COSTS ASSOCIATED WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE BID SUBMITTAL.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY LIGHTING TO ADEQUATELY LIGHT ALL CONSTRUCTION AREAS, TEMPORARILY PARTITIONED AREAS, AND EXIT CORRIDORS MAINTAINED DURING CONSTRUCTION.

11. DEFINITION: "PROVIDE" - FURNISH, INSTALL AND CONNECT COMPLETE.

12. PROJECT AND PHASING SCOPE LINES INDICATE WHERE GENERAL CONSTRUCTION BOUNDARIES OCCUR. ELECTRICAL WORK AND UTILITY TIE-INS MAY OCCUR OUTSIDE OF SCOPE LINES.

ABBREVIATIONS

AC ABOVE COUNTER AT 9" UNLESS OTHERWISE NOTED

AF AMP FRAME

AFF ABOVE FINISHED FLOOR

CM CEILING MOUNTED

EC ELECTRICAL CONTRACTOR

EOL END OF LINE

GC GENERAL CONTRACTOR

HOA "HAND-OFF-AUTO"

IRM INFORMATION RESOURCES MANAGEMENT

MCB MAIN CIRCUIT BREAKER

NEC NATIONAL ELECTRICAL CODE

SM SURFACE MOUNTED

TCC TEMPERATURE CONTROLS CONTRACTOR

WP WEATHERPROOF ENCLOSURE - NEMA 4 TYPE

X EXISTING OUTLET, DEVICE, LIGHTING FIXTURE, CONDUIT, ETC. - TO REMAIN

XB INDICATES EXISTING OUTLET, LIGHTING FIXTURE, CONDUIT, ETC - TO BE REMOVED. PROVIDE BLANK COVER FOR OUTLET AND MAINTAIN CIRCUIT CONTINUITY.

XFMR TRANSFORMER

XL NEW LOCATION OF EXISTING OUTLET, DEVICE, LIGHTING FIXTURE, ETC.

XN EXISTING OUTLET, DEVICE, LIGHTING FIXTURE, ETC. - TO BE REPLACED WITH NEW OF SPECIFIED TYPE

XR EXISTING OUTLET, DEVICE, LIGHTING FIXTURE, CONDUIT, ETC. - TO BE REMOVED COMPLETE- MAINTAIN CIRCUIT CONTINUITY TO ADJACENT OUTLETS. EXTEND CONDUIT AND WIRING AS REQUIRED.

XRR EXISTING OUTLET, DEVICE, LIGHTING FIXTURE, ETC. - TO BE REMOVED AND REINSTALLED AT NEW LOCATION - EXTEND CONDUIT AND WIRING AS REQUIRED

VAMC VETERANS AFFAIRS MEDICAL CENTER

AFC ABOVE FINISHED CEILING

AT AMP TRIP

ATS AUTOMATIC TRANSFER SWITCH

COR CONTRACTING OFFICER REPRESENTATIVE

EG EQUIPMENT GROUND

EWG ELECTRIC WATER COOLER

GFCI GROUND FAULT CIRCUIT INTERRUPTER

IG ISOLATED GROUND

MC MECHANICAL CONTRACTOR

MLO MAIN LUGS ONLY

NF NOT FUSED

TC TELECOMMUNICATIONS CONTRACTOR

VSC VARIABLE SPEED MOTOR CONTROLLER

PANELBOARD SCHEDULES:

1HC - 480/277V - 3Ø - 4W										NORMAL	
PANEL:		ELEC RM 103		OCP: 100A		MAIN: MLO					
LOCATION:		SURFACE									
MOUNTING:		EXISTING PANELBOARD									
COMMENTS:											
KVA	DESCRIPTION	CB	CCT	N	CCT	CB	DESCRIPTION	KVA			
	EXISTING LOAD	201	1	2	201		EXISTING LOAD				
	EXISTING LOAD	201	3	4	201		EXISTING LOAD				
	EXISTING LOAD	201	5	6	201		EXISTING LOAD				
	EXISTING LOAD	201	7	8	201		EXISTING LOAD				
	EXISTING LOAD	201	9	10	201		EXISTING LOAD				
	EXISTING LOAD	201	11	12	201		EXISTING LOAD				
	EXISTING LOAD	201	13	14	201		EXISTING LOAD				
× 2.9	NEW ELECTRIC HEATER	201	15	16	201		EXISTING LOAD				
× 0.4	EXTERIOR LIGHTING	201	17	18	201		PROVISION				

1

